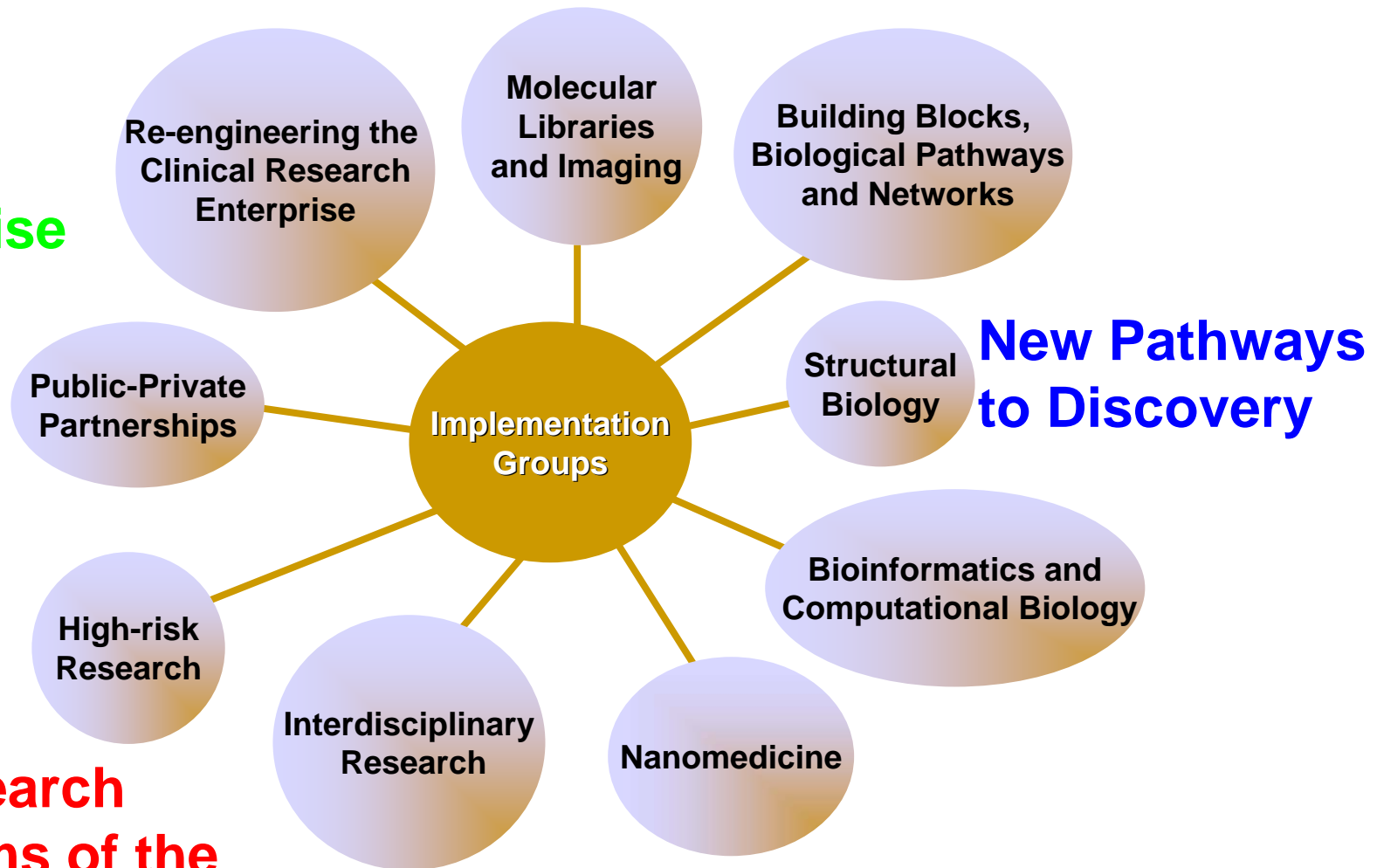

Overview of the Interdisciplinary NIH Roadmap Initiative



NIH Roadmap



**Clinical
Enterprise**



**New Pathways
to Discovery**

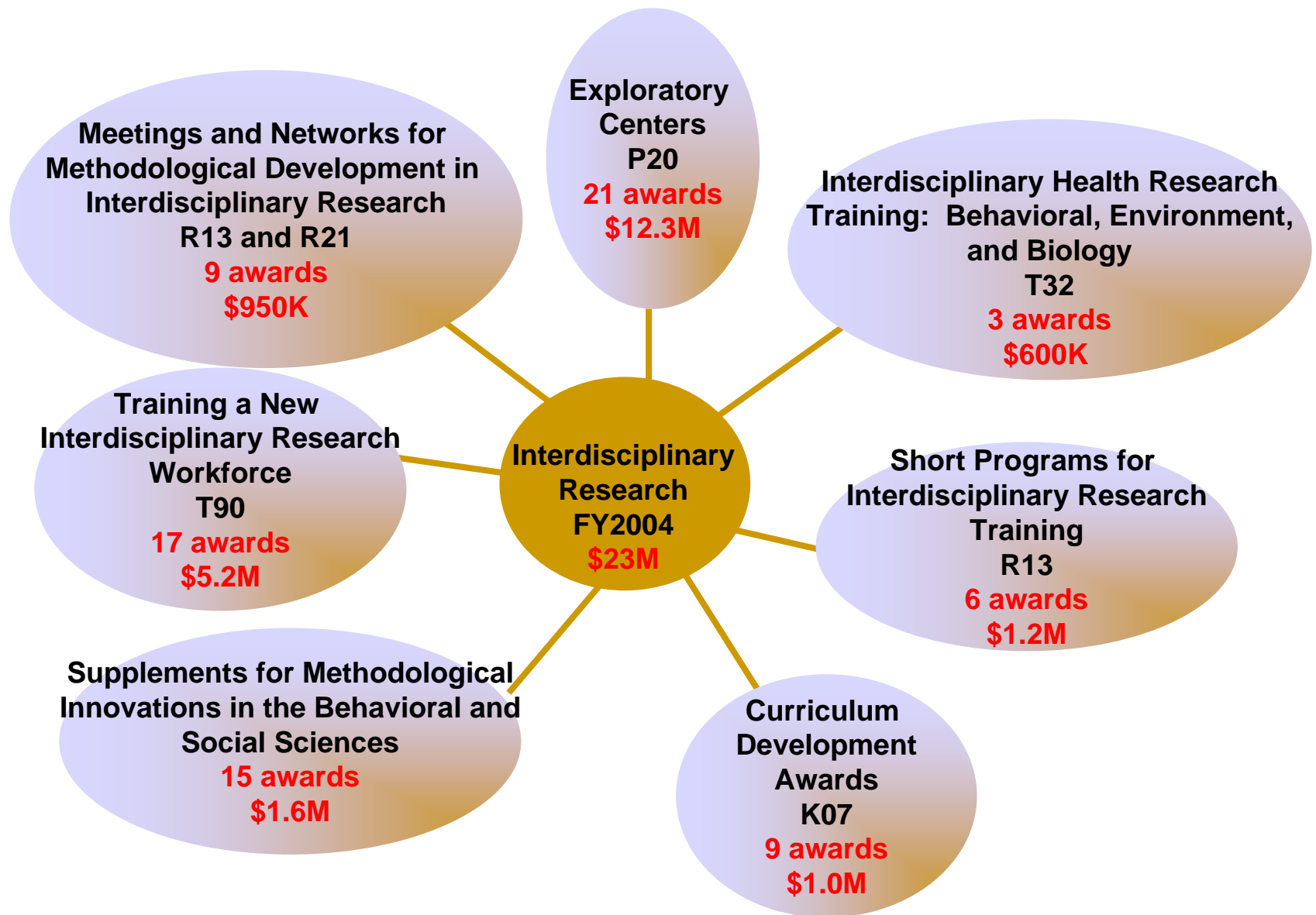
**Research
Teams of the
Future**

Interdisciplinary Research

- Why bother?
 - What is it?
 - Distinction between interdisciplinary and multidisciplinary research.
-

Interdisciplinary Roadmap Programs

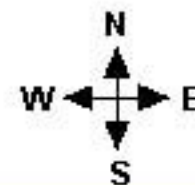
- Training of new scientists, including curriculum development
 - Creation of specialized interdisciplinary consortia
 - Supplements to existing awards to add an interdisciplinary component
 - Support for forward looking conferences to catalyze collaboration between disciplines
-



Exploratory Centers



- This RFA struck a nerve in the community.
- 21 centers were funded in a wide range of areas – both scientifically and geographically



R. Balfour Sartor
University of North Carolina
Non-invasive Approaches to
Assessing Inflammation

David Stephens
Emory University
Vaccine Research

Brij Moudgil
University of Florida
Drug Therapy and Chemical Toxicity



Daniel Reed
University of North Carolina
Computations and Genetic Analysis

Barry Popkin
University of North Carolina
Obesity

Marie Lynn Miranda
Duke University
Geospatial Medicine

John Beier
University of Miami
Vector Borne Diseases in Urban
Environments

Exploratory Centers – Next Steps

- The main purpose behind the Exploratory Centers was to create groups of investigators from multiple disciplines who share a common language and are focused on a biomedical research problem.
 - These awards were only the first step in creating full, large Interdisciplinary Research Consortia.
-

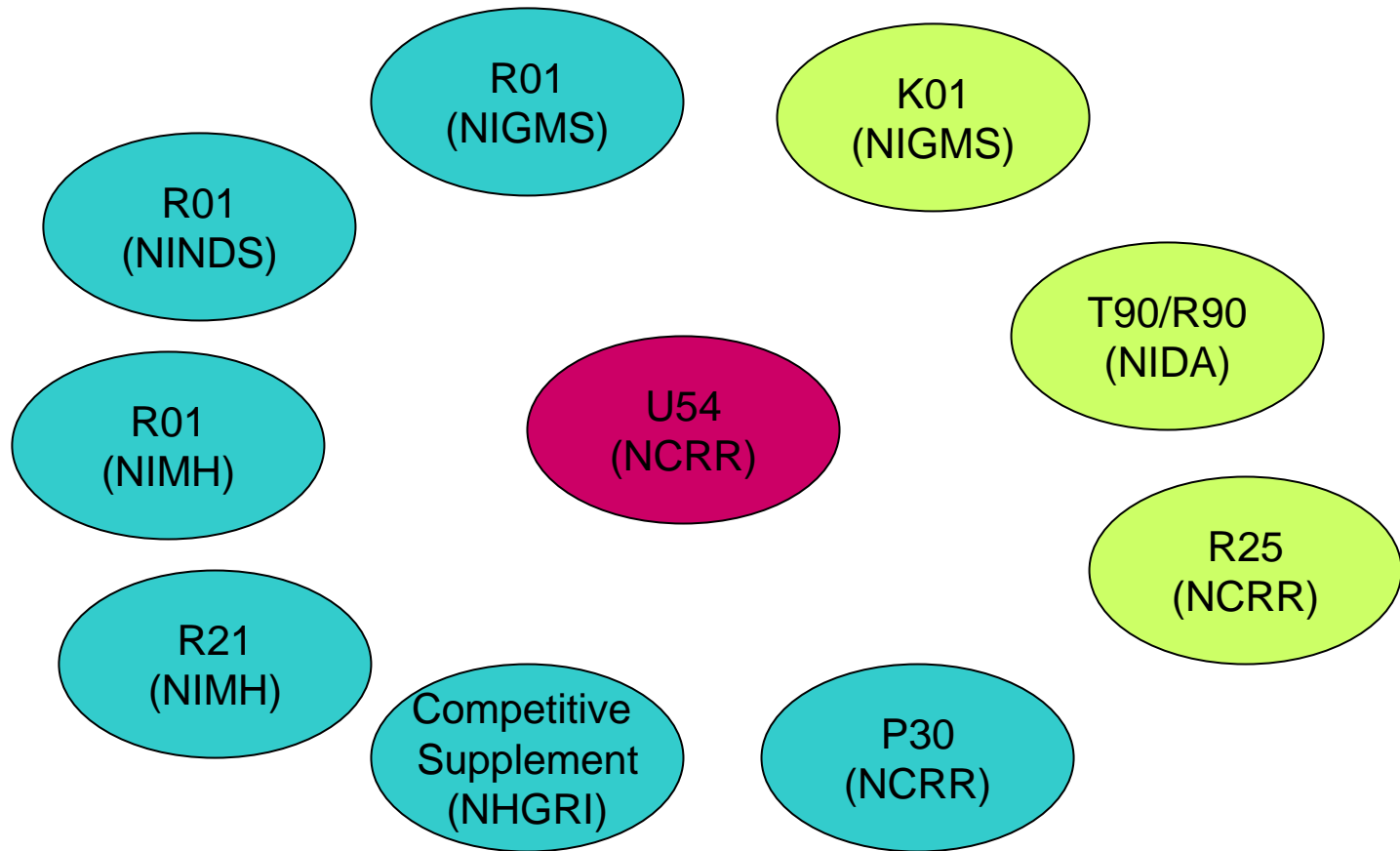
Key Review Criteria for the Pre-Applications

- Are you proposing an interdisciplinary approach?
 - Have you identified an important biomedically relevant problem?
 - Have you made a compelling argument why an interdisciplinary approach will work when disciplinary and multidisciplinary approaches have failed?
 - Do you have a plan to maintain the focus and coordination of the interdisciplinary team?
-

Full Applications

- Full applications are due on December 19, 2006.
- Roughly 8 consortia will be funded in September, 2007.
- Awards will be roughly \$3M per year direct costs for five years.
- A group of tethered awards will be made rather than a single award to give appropriate credit to members of the interdisciplinary team. That makes this program distinctly different from other large NIH inter or trans disciplinary centers.

A Consortium with All Components



The average proposed consortium has 10 components.

IRC Steering Committee

IRC
Coordinator
Chair P.T.

U54 PI
Chair S.C.

Dean

IRC Program Team

Program
Officer 1

R01 PI

Program
Officer 2

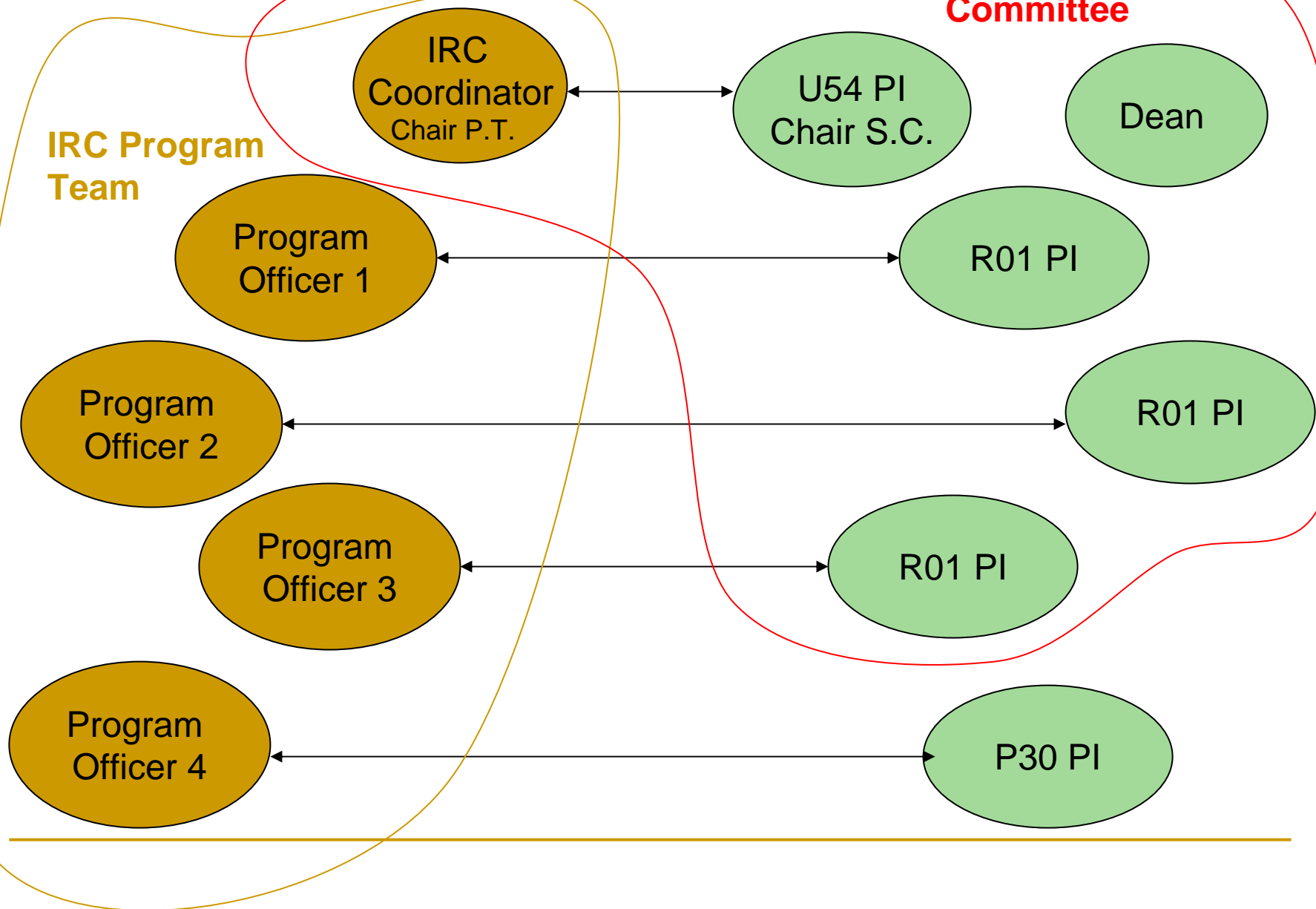
R01 PI

Program
Officer 3

R01 PI

Program
Officer 4

P30 PI



Involvement in the Consortia

- We are very interested in talking to people who would like to study the methods used by these interdisciplinary consortia and their performance.
 - If you have ideas about conducting such a study, please let me know
 - Greg Farber, NCRR/NIH, 301-435-0778, farberg@mail.nih.gov
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